Fig.1A

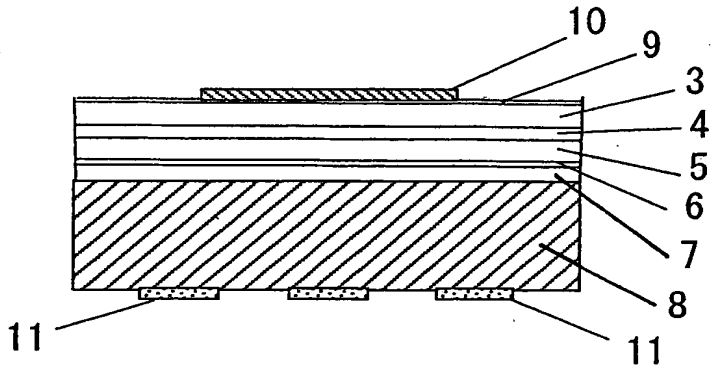

Fig.1B

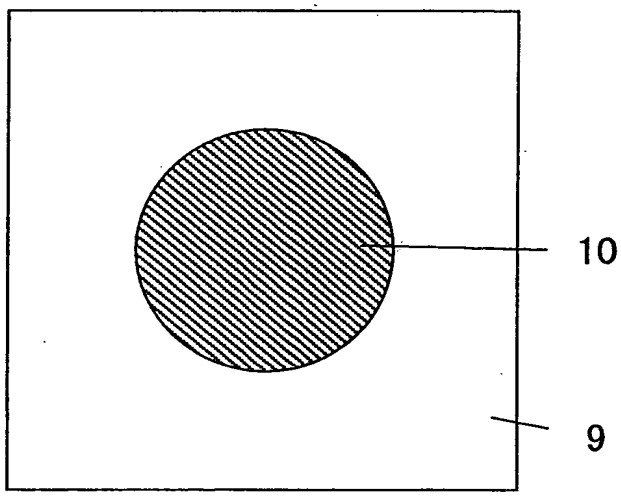

Fig.1C

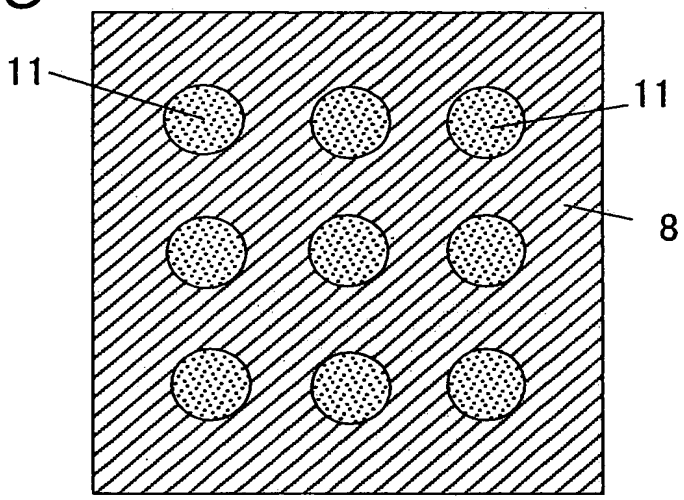

Fig.2

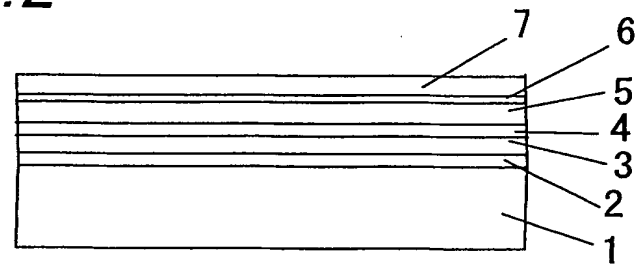

Fig.3

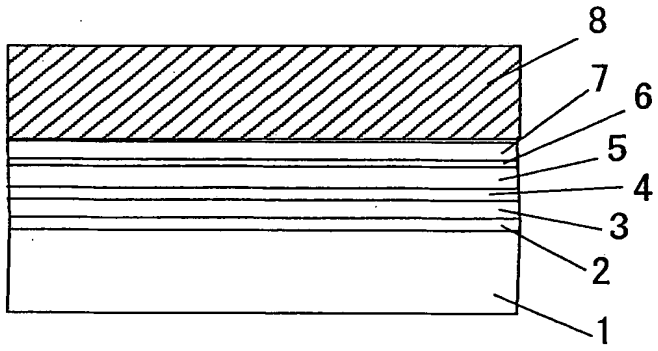

Fig.4

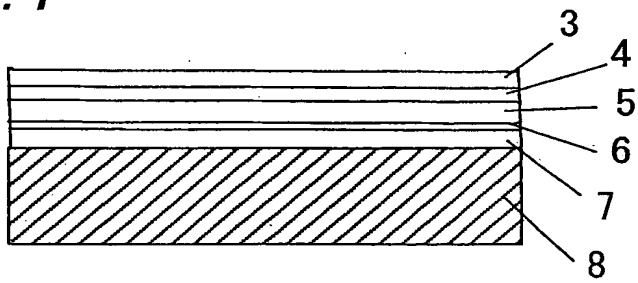

Fig.5

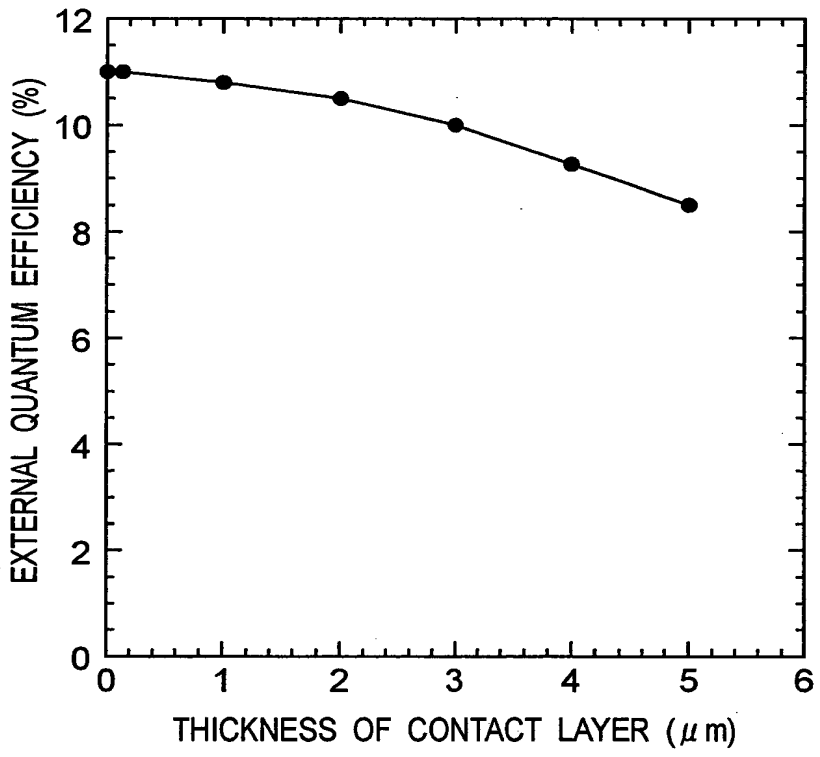
EXTERNAL QUANTUM EFFICIENCY (%)
0
2
4
6
8
10
12
0
1
2
3
4
5
6
THICKNESS OF CONTACT LAYER (μm)

Fig.6A

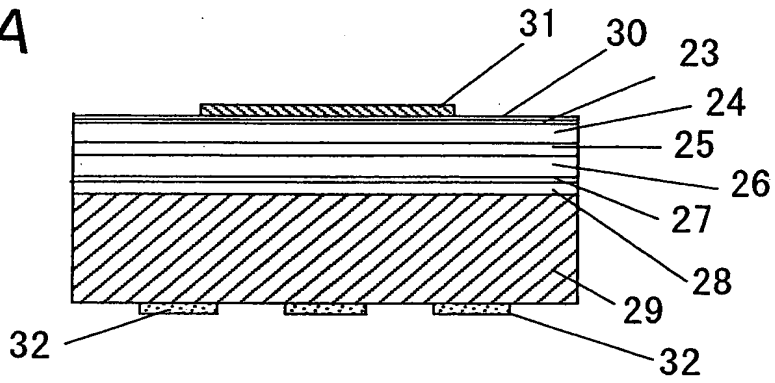

Fig.6B

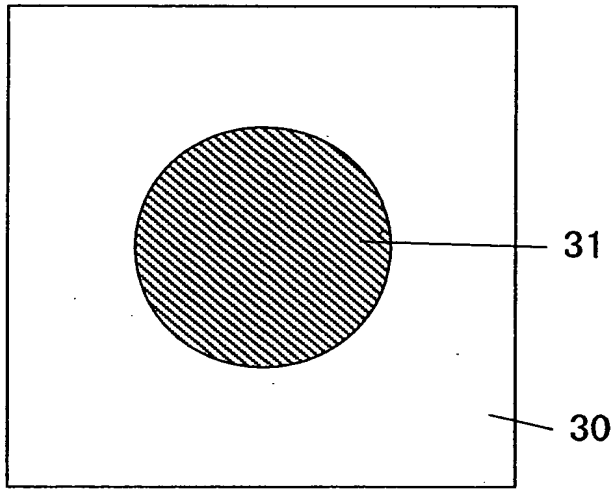

Fig.6C

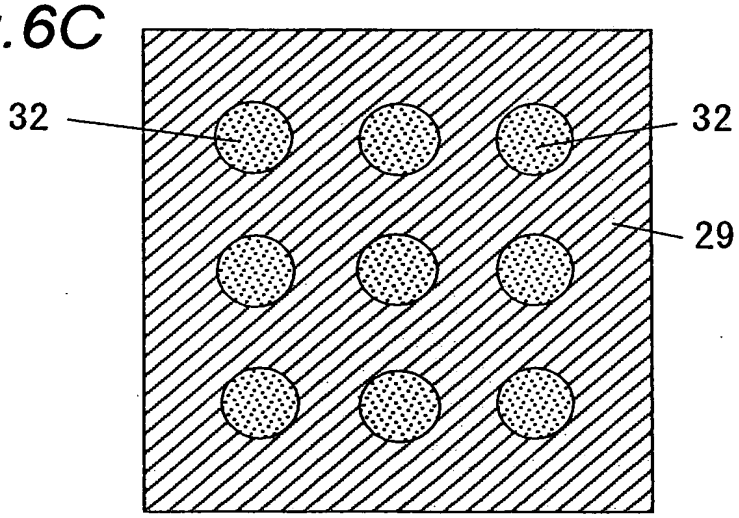

Fig.7

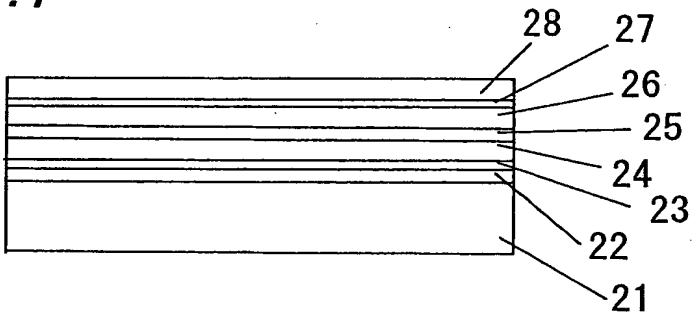

Fig.8

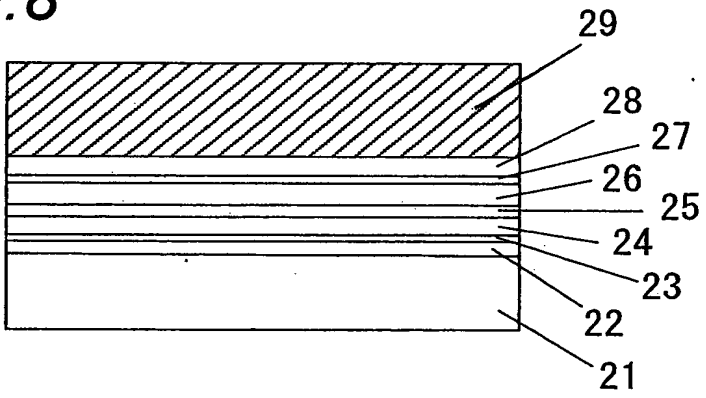

Fig.9

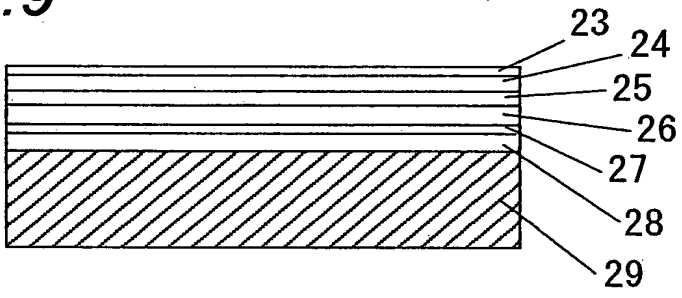

Fig.10A

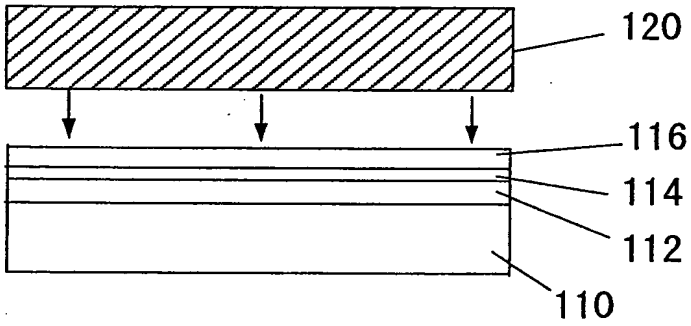

Fig.10B

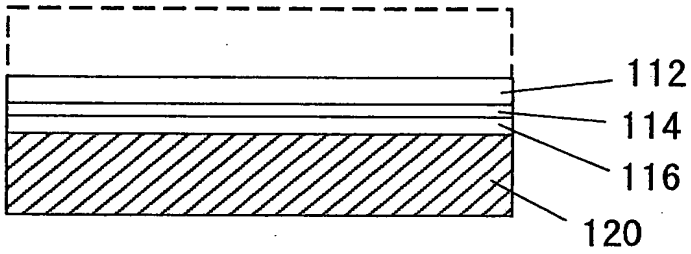

Fig.11A

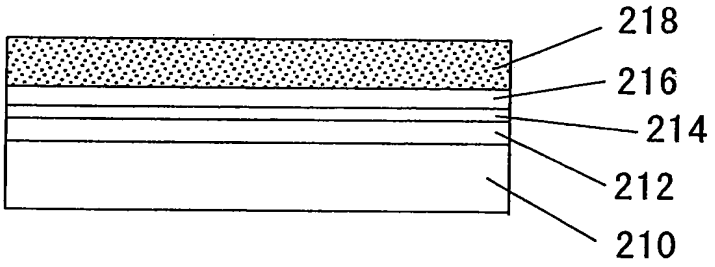

Fig.11B

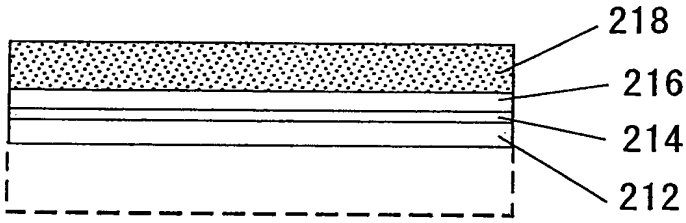

Fig.11C

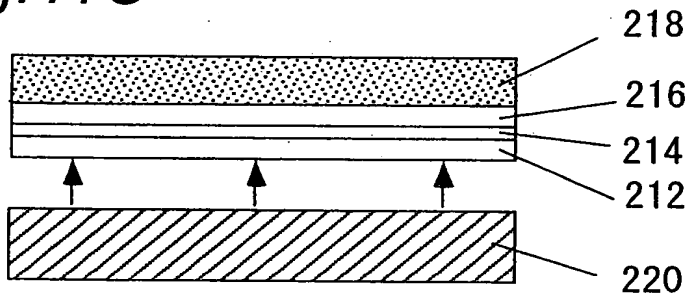

Fig.12A

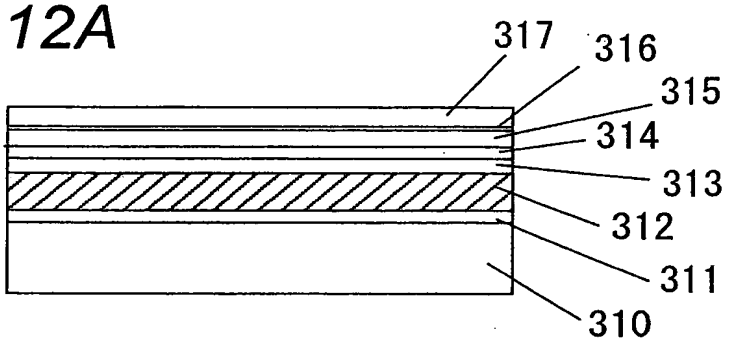

Fig.12B

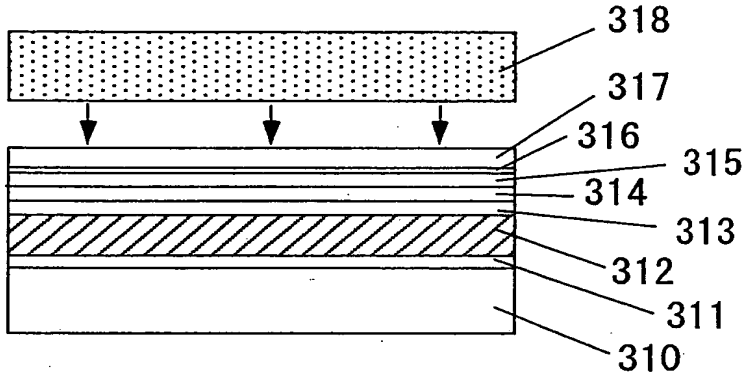
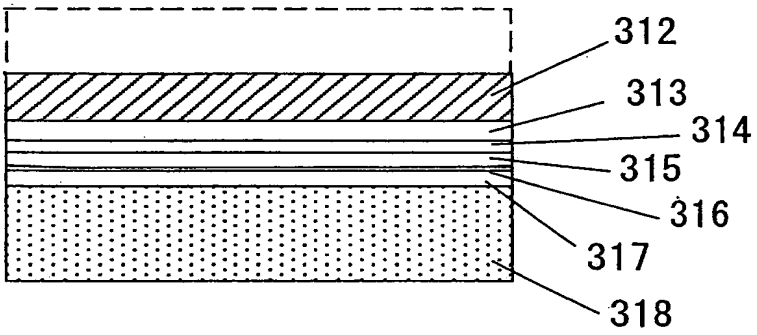
Fig.12C